

WHAT IS CLAIMED IS:

1. A process of generating a software tool that adjusts computer files that define integrated circuits in a first computer-readable directory structure to computer files that define the integrated circuits in a second computer-readable directory structure, each directory of the directory structure having a source name, the process comprising steps of:

a) comparing the first and second computer-readable directories to identify differences between the first and second computer-readable directory structures;

b) generating a computer-readable map file containing a plurality of items, each referencing a difference between the first and second computer-readable directory structures by an associated source name;

c) sorting the items of the mapping file into an ordered list based on the source names;

d) for each source name, generating a computer-readable code representing a difference between the first and second computer-readable directory structures associated with the respective source name; and

e) generating the tool based on the computer-readable codes.

2. The process of claim 1, wherein step (c) includes steps of:

- c1) sorting the source names by length, and
- c2) after step (c1), alphanumerically sorting source names of equal length.

3. The process of claim 2, further including after step (c) and before step (d)

- f) parsing the source names.

4. The process of claim 3, further including steps of:

- f) packaging the tool with the second computer-readable directory structure.

5. The process of claim 2, further including steps of:

- f) packaging the tool with the second computer-readable directory structure.

6. The process of claim 1, further including after step (c) and before step (d)

- f) parsing the source names.

7. The process of claim 6, further including steps of:

- f) packaging the tool with the second computer-readable directory structure.

8. A computer process of converting a first computer file defining an integrated circuit in a first computer-readable directory structure to a second computer file, wherein the first computer file contains a plurality of lines, at least some of which contain one or more source names referencing directories of the first computer-readable directory structure, the process comprising steps of:

a) providing a computer containing a software tool that maps directory references between the first computer-readable directory structure and a second computer-readable directory structure by source name;

b) input the first computer file to the computer;

c) identifying source names in a line of the first computer file that is referenced by the software tool;

d) for each identified source name, changing the associated directory reference from the first computer-readable directory structure to the second computer-readable directory structure.

9. The process of claim 8, wherein step (c) is performed by steps of:

c1) comparing the source names in the line to the source names identified by the software tool, and

c2) selecting the directory reference in the first computer file associated with each source name in

the line that matches a source name identified by the software tool.

10. The process of claim 9, including steps of:

e) storing the line containing a changed directory reference to a second computer file, and

f) repeating steps (c) and (d) for each line in the first computer file.

11. The process of claim 10, including

g) output the second computer file as defining the integrated circuit in the second computer-readable directory structure.

12. The process of claim 8, including steps of:

e) storing the line containing a changed directory reference to a second computer file, and

f) repeating steps (c) and (d) for each line in the first computer file.

13. The process of claim 12, including

g) output the second computer file as defining the integrated circuit in the second computer-readable directory structure.

14. The process of claim 8, wherein the second computer file overwrites the first computer file.

15. A computer useable medium having a computer readable program embodied therein for controlling a computer containing a first computer-readable file that defines an integrated circuit in a first computer-readable directory structure to convert the first computer-readable file to a second computer-readable file defining the integrated circuit in a second computer-readable directory structure, wherein the first computer-readable file contains a plurality of lines, at least some of which contain one or more source names referencing directories of the first computer-readable directory structure, the computer readable program comprising:

first computer readable program code for causing the computer to identify source names in each line of the first computer-readable file; and

second computer readable program code for causing the computer to change the directory reference associated with each source name from the first computer-readable directory structure to the second computer-readable directory structure.

16. The computer useable medium of claim 15, wherein the computer readable program includes computer readable data representing source names in the first and second computer-readable directory structures, and the first computer readable program code includes:

computer readable program code for causing the computer to compare the source names in the line to

the source names represented by the computer readable data, and

computer readable program code for causing the computer to select the directory reference in the first computer-readable file associated with each identified source name in the line.

17. The computer useable medium of claim 16, wherein the computer readable program includes:

computer readable program code for causing the computer to store the line containing a changed directory reference to a second computer-readable file.

18. The computer useable medium of claim 17, wherein the computer readable program includes:

computer readable program code for causing the computer to output the second computer-readable file as defining the integrated circuit in the second computer-readable directory structure.

19. The computer useable medium of claim 15, wherein the computer readable program includes:

computer readable program code for causing the computer to store the line containing a changed directory reference to a second computer-readable file.

20. The computer useable medium of claim 19, wherein the computer readable program includes:

computer readable program code for causing the computer to output the second computer-readable file

as defining the integrated circuit in the second computer-readable directory structure.